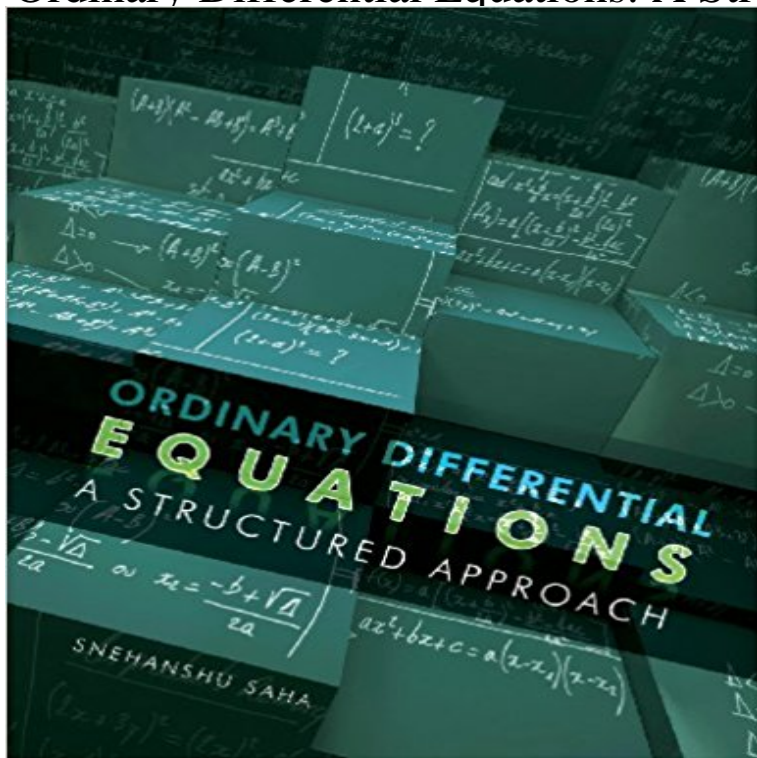


# Ordinary Differential Equations: A Structured Approach



When Feynman was asked how he thought he should approach teaching in the classroom, his response was, I dont know, really! What he meant was there is no standard protocol that one can build to manage and disseminate the principles of learning. Ordinary Differential Equations: A Structured Approach provides an interactive, step-by-step guide to the complex world of differential equations. This text doesnt simply focus on finding a particular solution. Instead, it places emphasis on helping students analyze and understand the importance of the solutions context. Each solution method presented in this book is structured and distinct, which makes the classification of the equation just as important as the solution. A variety of examples are utilized to create an engaging and interesting reading experience, and encourage lively classroom discussion. Concept check-points and challenging problems are included throughout to facilitate the learning process. Ordinary Differential Equations combines theory and applications, making this a useful text for both Mathematics and Engineering majors. Snehanshu Saha, Ph.D. was born in Calcutta, India, where he completed degrees in Mathematics and Computer Science. He went on to earn his Masters in Mathematical Sciences at Clemson University and his Ph.D. from the Department of Mathematics at University of Texas at Arlington in 2008. After working briefly at his Alma matter, Snehanshu moved to the University of Texas El Paso, where he currently teaches Differential equations, Calculus and Linear Algebra. Apart from Mathematical research, Snehanshu takes a keen interest in Physics. He is a passionate teacher and encourages young people to study the sciences. Hes actively involved in undergraduate research initiatives at the University of Texas El Paso, working with young minds and motivating them to pursue careers in higher

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